## Figure 1

1	MRPSIHRTAI	AAVLATAFVA	GTALAQKRDN	VLFQAATDEQ	PAVIKTLEKL	50
51	VNIETGTGDA	EGIAAAGNFL	EAELKNLGFT	VTRSKSAGLV	VGDNIVGKIK	100
101	GRGGKNLLLM	SHMDTVYLKG	ILAKAPFRVE	GDKAYGPGIA	DDKGGNAVIL	150
151	HTLKLLKEYG	VRDYGTITVL	FNTDEEKGSF	GSRDLIQEEA	KLADYVLSFE	200
201	PTSAGDEKLS	LGTSGIAYVQ	VNITGKASHA	GAAPELGVNA	LVEASDLVLR	250
251	TMNIDDKAKN	LRFNWTIAKA	GNVSNIIPAS	ATLNADVRYA	RNEDFDAAMK	300
301	TLEERAQQKK	LPEADVKVIV	TRGRPAFNAG	${\tt EGGKKLVDKA}$	VAYYKEAGGT	350
351	LGVEERTGGG	TDAAYAALSG	KPVIESLGLP	GFGYHSDKAE	YVDISAIPRR	400
401	LYMAARLIMD	LGAGK				415

Figure 2

Methotrexate (Formula X, prior art)